

1 This listing of claims will replace all prior versions, and listings, of claims
2 in the application:

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4 **Listing of Claims**

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6 Claim 1 (Currently amended): One or more computer readable media
7 containing one or more operating system programs that comprise a resource
8 browser, said one or more programs comprising computer-readable instructions for
9 performing a process comprising:

10 interacting with other application programs, and a user to manage computer
11 resources, including graphically browsing different computer resource areas that
12 contain resources managed by the operating system;

13 representing resources within the resource areas as icons, the resources
14 being physically moveable to and from at least some of the resource areas by
15 moving the icons, wherein the other application programs are affected by moving
16 the icons;

17 at least one of the resource areas being a particular type of writable resource
18 area to which resources can be written; and

19 in response to the user clicking on an icon, presenting a menu where the
20 user is able to select a staging area not currently visible to the user.

21 Claim 2 (Original): One or more computer readable media as recited in
22 claim 1, the programs further comprising:

23 prior to interacting with the user, pre-allocating a contiguous portion of
24 mass storage for future use when writing identified resources to the storage
25 medium, wherein the pre-allocated portion is large enough to create a data image
that is to be created on the storage medium;

prior to writing the staged resources to the storage medium, creating a data

1 image in the pre-allocated portion of mass storage;

2 wherein writing the identified resources comprises writing the data image to
3 the storage medium.

4 Claim 3 (Original): One or more computer readable media as recited in
5 claim 1, the programs further comprising, upon writing the identified resources,
6 writing additional resources not specifically designated by the user for use in
7 conjunction with the identified resources after they are written.

8 Claim 4 (Original): One or more computer readable media as recited in
9 claim 1, the programs further comprising, upon writing the identified resources:

10 automatically identifying a viewer program that is compatible with one or
11 more of the identified resources;

12 writing the viewer program to the storage medium for use in conjunction
13 with the identified resources after they are written.

14 Claim 5 (Original): One or more computer readable media as recited in
15 claim 1, the programs further comprising altering the icons in the staging area to
16 indicate status of the staged resources.

17 Claim 6 (Previously presented): One or more computer readable media as
18 recited in claim 1, the programs further comprising altering the icons in the staging
19 area with status overlays to indicate status of the staged resources.

20 Claim 7 (Original): One or more computer readable media as recited in
21 claim 1, the programs further comprising altering the icons in the staging area with
22 status overlays to indicate status of the staged resources, the status overlays
23 including a staged status overlay and an in-process status overlay.
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1 Claim 8 (Original): One or more computer readable media as recited in
2 claim 1, the programs further comprising defining a contextually sensitive
3 command area and displaying a delete resource command option in the
4 contextually sensitive command area if and only if the particular type of writable
5 resource area is rewritable.

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7 Claim 9 (Original): One or more computer readable media as recited in
8 claim 1, wherein designating a resource for representation in the graphical staging
9 area creates a reference to said designated resource rather than a copy of said
10 designated resource, the programs further comprising dereferencing said reference
11 during writing to write a current version of the designated resource, including any
12 changes to the designated resource subsequent to designating it and prior to writing
13 it.

14 Claim 10 (Cancelled)

15 Claim 11 (Original): One or more computer readable media as recited in
16 claim 1, the programs further comprising:

17 determining whether any changes are made to the identified resources prior
18 to writing them;

19 if a change is made to a particular identified resource prior to writing,
20 creating an unchanged copy of the particular identified resource;

21 writing the unchanged copy to the storage medium in place of the particular
22 identified resource, wherein the unchanged copy does not include changes to the
23 particular identified resource subsequent to designating it and prior to writing it.
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1 Claim 12 (Currently amended): A method comprising:
2 managing a plurality of computer resources and application programs by an
3 operating system;
4 dynamically accepting designations from a computer user of the plurality of
5 computer resources to be written to a removable storage medium, and affecting the
6 application programs; and
7 presenting, in response to a user clicking on an icon representative of the
8 removable storage medium, a menu where the user is able to select a staging area
9 not currently visible to the user.

10 Claim 13 (Canceled)

11 Claim 14 (Original): A method as recited in claim 12, further comprising,
12 in response to detecting a user attempt to remove the storage medium, prompting
13 the computer user to replace the storage medium prior to batch writing the
14 designated resources to the storage medium.

15 Claim 15 (Original): A method as recited in claim 12, further comprising,
16 upon writing the identified resources, writing additional resources not specifically
17 designated by the user for use in conjunction with the identified resources after
18 they are written.

19 Claim 16 (Original): A method as recited in claim 12, further comprising,
20 upon writing the identified resources:

21 automatically identifying a viewer program that is compatible with one or
22 more of the identified resources;

23 writing the viewer program to the storage medium for use in conjunction
24 with the identified resources after they are written.
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1 Claim 17 (Currently amended): A graphical user interface for a computer,
2 comprising:

3 an operating system that interacts with a user to manage computer resources
4 and application programs;

5 the operating system having a resource browser that is responsive to user
6 input to explore resource areas containing different types of resources and to
7 display icons that represent the resources, at least some of the resources being
8 physically moveable to and from the resource areas by moving their corresponding
9 icons;

10 at least one of the resource areas being a staged-write resource area; and
11 in response to the user clicking on an icon, presenting a menu where the
12 user is able to select a staging area not currently visible to the user.

13 Claim 18 (Canceled)

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15 Claim 19 (Previously presented): A graphical user interface as recited in
16 claim 17, wherein:

17 the resource browser is further configured, upon writing the staged
18 resources, to write additional resources to said writable resource that are not
19 specifically designated by the user for use in conjunction with the staged resources
20 after they are written.

21 Claim 20 (Original): A graphical user interface as recited in 17, further
22 comprising, upon writing the staged resources:

23 automatically identifying a viewer program that is compatible with one or
24 more of the staged resources;

25 writing the viewer program to the storage medium for use in conjunction

1 with the staged resources after they are written.

2 Claim 21 (Original): A graphical user interface as recited in claim 17,
3 wherein the resource browser alters the icons to indicate the status of the staged
4 resources.

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6 Claim 22 (Original): A graphical user interface as recited in claim 17,
7 wherein:

8 some of the icons have status overlays corresponding to a staged status and
9 an in-process status.

10 Claim 23 (Previously presented): A graphical user interface as recited in
11 claim 17, further comprising a contextually sensitive command area, wherein the
12 resource browser includes a delete resource command in the contextually sensitive
13 command area if and only if the particular type of writable resource is rewritable.

14
15 Claim 24 (Original): A graphical user interface as recited in claim 17,
16 wherein designating a resource for representation in the staged resource display
17 area creates a reference to said designated resource rather than a copy of said
18 designated resource, said reference being dereferenced during writing to write a
19 current version of the designated resource, including any changes to the designated
20 resource subsequent to designating it and prior to writing it.

21 Claim 25 (Previously presented): A graphical user interface as recited in
22 claim 17, wherein:

23 prior to interacting with the user, the operating system pre-allocates a
24 contiguous portion of mass storage for future use when writing identified resources
25 to the writable resource area, wherein the pre-allocated portion is large enough to

1 create a data image that is to be created on the writable resource area;
2 prior to writing the staged resources to said writable resource, creating a
3 data image in the pre-allocated portion of mass storage.

4 Claim 26 (Previously presented): A graphical user interface as recited in
5 claim 17, wherein the operating system monitors staged resources for changes and
6 creates an unchanged copy of any changed staged resource for subsequent writing
7 to said writable resource in place of the changed staged resource.

8 Claim 27 (Currently amended): A graphical user interface for a computer,
9 comprising:

10 an operating system that interacts with a user to manage computer resources
11 and application programs;

12 the operating system having a resource browser that is responsive to user
13 input to explore resource areas containing different types of resources and to
14 display icons that represent the resources, at least some of the resources being
15 physically moveable to and from the resource areas by moving their corresponding
16 icons;

17 at least one of the resource areas being a staged-write resource area;

18 in response to the user clicking on an icon, presenting a menu where the
19 user is able to select a staging area not currently visible to the user;

20 the resource browser being configured to display icons of stored resources
21 that are already stored in the staged-write resource area and icons of staged
22 resources that the user desires to be written to the staged-write resource area but
23 that have not yet been written to said staged-write resource area;

24 wherein the resource browser shows different representations of the
25 resources depending upon whether they are stored resources or staged resources;

the resource browser being responsive to a user action to initiate a batch

1 write of the staged resources to the staged-write resource area.

2 Claim 28 (Original): A graphical user interface as recited in claim 27,
3 wherein the user action comprises attempting to remove a storage medium
4 corresponding to the staged-write resource area.
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6 Claim 29 (Original): A graphical user interface as recited in claim 27,
7 wherein:

8 the resource browser is further configured, upon writing the staged
9 resources, to write additional resources not specifically designated by the user for
10 use in conjunction with the staged resources after they are written.

11 Claim 30 (Original): A graphical user interface as recited in claim 27,
12 further comprising, upon writing the staged resources:

13 automatically identifying a viewer program that is compatible with one or
14 more of the staged resources;

15 writing the viewer program to the storage medium for use in conjunction
16 with the staged resources after they are written.

17 Claim 31 (Previously presented): A graphical user interface as recited in
18 claim 27, further comprising a contextually sensitive command menu, the menu
19 including a delete resource command if and only if the particular type of staged-
20 write resource area is rewritable.

21 Claim 32 (Original): A graphical user interface as recited in claim 27,
22 wherein designating a resource for staging creates a reference to said designated
23 resource rather than a copy of said designated resource, said reference being
24 dereferenced during writing to write a current version of the designated resource,
25

1 including any changes to the designated resource subsequent to designating it and
2 prior to writing it.

3 Claim 33 (Previously presented): A graphical user interface as recited in
4 claim 27, wherein:

5 prior to interacting with a user to manage computer resources, the operating
6 system pre-allocates a contiguous portion of mass storage for future use, wherein
7 the pre-allocated portion is large enough to create a data image that is to be created
8 on the staged-write resource area;

9 prior to writing the staged resources to the staged-write resource area,
10 creating a data image in the pre-allocated portion of mass storage.

11 Claim 34 (Original): A graphical user interface as recited in claim 27,
12 wherein:

13 designating a resource for staging creates a reference to said designated
14 resource rather than a copy of said designated resource;

15 in response to any subsequent change to the designated resource the
16 operating system creates an unchanged copy of the designated resource, said
17 reference being changed to indicated the unchanged copy;

18 said reference being dereferenced during writing to write the designated
19 resource or its unchanged copy.

20 Claim 35 (Previously presented): One or more computer readable media
21 containing an operating system program, the operating system program
22 comprising:

23 managing application programs;

24 accepting designations of different resources managed by the operating
25 system by a user for staging prior to writing to a removable storage medium,

1 wherein the different resources are accessed by the application programs;

2 graphically representing any resources that are already stored on the
3 removable storage medium and any resources that are staged but not written to the
removable storage medium;

4 detecting a user attempt to remove the removable storage media; and

5 in response to the user clicking on an icon, presenting a menu where the
6 user is able to select a staging area not currently visible to the user.

7
8 Claim 36 (Original): One or more computer readable media as recited in
9 claim 35, the program further comprising, upon writing the staged resources,
10 writing additional resources not specifically designated by a user, for use in
11 conjunction with the staged resources after they are written.

12 Claim 37 (Original): One or more computer readable media as recited in
13 claim 35, the program further comprising altering representations of the resources
14 to indicate the status of the staged resources.

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16 Claim 38 (Previously presented): One or more computer readable media as
17 recited in claim 35, the program further comprising displaying a delete resource
18 command in a contextually sensitive command menu if and only if a particular
19 type of writable resource area of the removable storage media is rewritable.

20 Claim 39 (Original): One or more computer readable media as recited in
21 claim 35, the program further comprising:

22 for any staged resource that is changed prior to writing, creating an
23 unchanged copy of the staged resource;

24 writing the unchanged copy in place of the changed staged resource.
25

1 Claim 40 (Original): One or more computer readable media as recited in
2 claim 35, further comprising:

3 prior to accepting designations by users, pre-allocating a contiguous portion
4 of mass storage for use when writing staged resources, wherein the pre-allocated
5 portion is large enough to create an image of data to be written to the removable
6 storage medium;

7 prior to writing the staged resources to the removable storage media,
8 creating a write image in the pre-allocated portion of mass storage;

9 wherein writing the staged resources comprises writing the write image to
10 the removable storage medium.

11 Claim 41 (Currently amended): An operating system embodied on one or
12 more computer readable media, the operating system performing actions
13 comprising:

14 saving resources managed by the operating system in response to requests
15 from application programs managed by the operating system;

16 in response to the user clicking on an icon, presenting a menu where the
17 user is able to select a staging area not currently visible to the user; and

18 in response to a user initiation, writing any staged resources to the storage
19 medium.

20 Claim 42 (Original): An operating system as recited in claim 41, wherein
21 the user initiation comprises attempting to remove the storage medium.

22 Claim 43 (Original): An operating system as recited in claim 41, the actions
23 further comprising, upon writing the staged resources, writing additional resources
24 not specifically designated by a user, for use in conjunction with the staged
25 resources after they are written.

1 Claim 44 (Original): An operating system as recited in claim 41, the actions
2 further comprising:

3 for any staged resource that is changed prior to writing, creating an
4 unchanged copy of the staged resource;
5 writing the unchanged copy in place of the changed staged resource.
6

7 Claim 45 (Original): An operating system as recited in claim 41, further
8 comprising:

9 prior to receiving requests from application programs, pre-allocating a
10 contiguous portion of mass storage for use when writing staged resources to the
11 storage media, wherein the pre-allocated portion is large enough to create an image
12 of data to be written to the storage medium;

13 prior to writing the staged resources to the storage media, creating a write
14 image in the pre-allocated portion of mass storage;

15 wherein writing the staged resources comprises writing the write image to
16 the storage medium.

17 Claim 46 (Currently amended): One or more computer readable media
18 containing an operating system program, the operating system program
19 comprising:

20 accepting designations of different resources managed by the operating
21 system for staging prior to writing to a removable storage medium;

22 in response to the user clicking on an icon, presenting a menu where the
23 user is able to select a staging area not currently visible to the user.

24 storing corresponding references to the designated resources;

25 for any designated resource that is changed prior to writing, creating an
unchanged copy of the staged resource and changing the corresponding reference

1 to indicate the unchanged copy;

2 in response to an instruction to write to the removable storage medium,
3 writing any designated resources and any unchanged copies indicated by the stored
4 references[[]]; and

5 managing application programs that affected by the accepting, presenting,
6 storing, creating, and writing.

7 Claim 47 (Original): One or more computer readable media as recited in
8 claim 46, the program further comprising:

9 prior to receiving designations of different resources, pre-allocating a
10 contiguous portion of mass storage for use when writing staged resources to the
11 removable storage media, wherein the pre-allocated portion is large enough to
12 create an image of data to be written to the removable storage medium;

13 prior to writing the resources to the storage media, creating a write image in
14 the pre-allocated portion of mass storage;

15 wherein writing the staged resources comprises writing the write image to
16 the storage medium.

17 Claim 48 (Previously presented): One or more computer readable media as
18 recited in claim 1, the programs further comprising, in response to detecting the
19 user attempt to remove the storage medium, identifying resources represented by
20 the icons in the staging area and writing such identified resources to the storage
21 medium

22 Claim 49 (Previously presented): One or more computer readable media as
23 recited in claim 35, the program further comprising, in response to detecting the
24 user attempt to remove the removable storage media, writing any staged resources
25 to the removable storage media.

1 Claim 50 (Previously presented): An operating system as recited in claim
2 41, the actions further comprising:

3 in response to receiving a request from an application program to save a
4 resource on a staged-write storage medium, noting that resource as being staged
5 without writing the resource.
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EXAMINER INTERVIEW

A telephone interview took place on August 20, 2008 between Examiner Boris Pesin and Emmanuel Rivera, representative of the Applicant. The discussion addressed the differences between the cited references of Ahead Software's Nero program (Nero), which is used in combination with one or more other references in rejecting the pending claims. It was pointed out to Examiner Pesin that Nero teaches an application program, where an application program is installed and ran using an operating system. The application and pending claims are directed to an operating system. Examiner Pesin presented that an operating system can be interpreted as an application program. Examiner Pesin admitted that an operating system can be distinguished from an application program, and offered that particular language may be introduced to distinguish the claims from the application program taught by Nero. In particular, it was discussed that an operating system is an application that controls other applications. The independent claims have been amended accordingly to reflect this feature.